

Application No. 10/605,210
Response and Amendment dated September 29, 2004
Reply to Office action of June 29, 2004
Docket Number 19427/04260

REMARKS

Claims 1 - 17 are pending in this application. Claims 1, 5, and 9-11 have been rejected, and claims 2-4, 6-8, and 12-17 have been objected to but are indicated to be allowable if rewritten in independent form. By this paper new Claims 18 - 22 have been added, and claims 2-4, 6-8, and 12-17 have been rewritten in independent form as new claims 23-34. The new claims recite features that are described in the specification, and do not add any new matter.

Reconsideration of claims 1, 5, and 9-11, and consideration of new claims 18 - 22, and 23-34 is respectfully requested.

§ 102 Rejections

The Patent Office has rejected claims 1, 5, and 9-11 under 35 U.S.C. 102(b), as being anticipated by Yamakawa, (Patent Number 5,311,348) ("Yamakawa"). The Applicant respectfully traverses the rejection as follows:

Claim 1, recites "a projector comprising a housing containing a directional electric light source, a lens disposed opposite the light source, a light path extending from the light source through the lens and out of the housing and to a multi-faceted reflective element, the reflective element including a housing having a plurality of reflective surfaces and means for rotating the housing which is located substantially inside of the housing."

Yamakawa does not disclose a "housing containing a directional electric light source," as recited in Claim 1. At most, Yamakawa discloses a light source in the form of a semiconductor laser. Indeed, there is no mention anywhere in Yamakawa of *any* housing that contains anything. In particular, there is no disclosure of a housing containing a directional electric light source, and there is no disclosure of a housing containing the disclosed semiconductor laser. Likewise, Yamakawa does not disclose "a multi-faceted reflective element having a housing having a plurality of reflective surfaces," as recited in Claim 1. At most, Yamakawa discloses a polygonal mirror. There is no disclosure in Yamakawa that the polygonal mirror comprises a housing. Lacking these features, Yamakawa does not anticipate Claim 1. Applicant respectfully requests withdrawal of the rejection of Claim 1 as being anticipated by Yamakawa.

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Claim 5 is dependent from Claim 1, and for the same reasons, is not anticipated by Yamakawa. Moreover, Claim 5 recites that the "multi-faceted reflective element is supported on two opposed sides." There is no disclosure in Yamakawa regarding the means by which any of the component parts of the Yamakawa apparatus are supported. More particularly, nowhere does Yamakawa mention a multi-faceted reflective element supported on two-opposed sides. At most, Yamakawa discloses a polygonal mirror, however, there is no mention of any means by which that component, or any other, is supported. Lacking the features recited in claim 5, Yamakawa does not anticipate this claim. Applicant respectfully requests withdrawal of the rejection of Claim 5 as being anticipated by Yamakawa.

Claim 9 is dependent from claim 2, which has been identified by the Office as allowable if written in independent form. As such, Applicant asserts that rejection of Claim 9 as being anticipated by Yamakawa is inappropriate, and Applicant respectfully requests withdrawal of the rejection of claim 9.

Claim 10 recites "A rotatable multi-faceted reflective element for use in the projection of reflected light comprising: a housing including a plurality of reflective surfaces; means for rotating the housing which is located inside of the housing." Yamakawa does not disclose a "multi-faceted reflective element ... comprising a housing including a plurality of reflective surfaces," as recited in Claim 10. At most, Yamakawa discloses a polygonal mirror. There is no disclosure in Yamakawa that the polygonal mirror comprises a housing. Lacking these features, Yamakawa does not anticipate Claim 10. Applicant respectfully requests withdrawal of the rejection of Claim 10 as being anticipated by Yamakawa.

Claim 11 is dependent from Claim 10, and for the same reasons, is not anticipated by Yamakawa. Moreover, Claim 11 recites that the "the housing supports the plurality of reflective surfaces." As mentioned above in connection with Claim 10, Yamakawa does not disclose any housing, and more particularly, it does not disclose any housing in relation to a multi-faceted reflective element, or in relation to the disclosed polygonal mirror. Yamakawa does not disclose a housing that supports anything, much less a housing that supports a plurality of reflective surfaces. Lacking the features recited in claim 11, Yamakawa does not anticipate this claim.

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Applicant respectfully requests withdrawal of the rejection of Claim 11 as being anticipated by Yamakawa.

Claim Objections

In light of the foregoing remarks, Applicant respectfully requests that the claim objections be withdrawn.

New Claims

New claim 18 recites "A projector comprising a directional electric light source, a multi-faceted reflective element, and a support frame having a first and second end, wherein the directional light source is mounted on said first end of said support frame, and said multi-faceted reflective element is mounted opposite said directional light source on said second end of said support frame." New Claim 18 recites features that are described in the specification, including a "support frame" which supports on opposite ends a directional light source and a multi-faceted reflective element. New claim 19, which is dependent from new Claim 18, recites "a housing which encloses said directional light source, and comprising a housing which encloses said multi-faceted reflective element." New claim 20, which is dependent from new Claim 18, recites "a lens disposed between said directional light source and said multi-faceted reflective element." New claim 21, which is dependent from new Claim 20, recites "an image medium support assembly disposed between the light source and the lens." New claim 22, which is dependent from new Claim 19, recites "a stand supporting the support frame."

The new claims add no new matter, and recite features that are not taught in Yamakawa.

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Conclusion

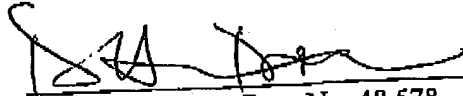
In view of the remarks made above, reconsideration of claims 1, 5, and 9-11, and consideration of new claims 18 - 34, is respectfully requested.

Applicants believe that his application is now in condition for allowance, and prompt notice to that effect is respectfully requested.

This paper is timely filed without need for any Petition for Extension of Time, and without payment of any fee. In the event that any fee is required in connection with this application, the undersigned expressly authorizes the Patent Office to charge any such required fees to Deposit Account No. 03-0172.

Respectfully submitted,

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Diane H. Dobrea, Reg. No. 48,578
(216) 622-8485
Customer Number 24024